

Substitute Form PTO-1449  
(Modified)U.S. Department of Commerce  
Patent and Trademark OfficeAttorney's Docket No.  
16969-037001Application No.  
10/617,750**Information Disclosure Statement  
by Applicant**

(Use several sheets if necessary)

(37 CFR 1.98(b))

Applicant  
Zhaowei Liu et al.Filing Date  
July 14, 2003Group Art Unit  
1753**U.S. Patent Documents**

| Examiner Initial | Desig. ID | Document Number | Publication Date | Patentee         | Class | Subclass | Filing Date If Appropriate |
|------------------|-----------|-----------------|------------------|------------------|-------|----------|----------------------------|
| Am               | AA        | 5,066,377       | 11/19/1991       | Rosenbaum et al. |       |          |                            |
| An               | AB        | 5,734,058       | 3/31/1998        | Lee              |       |          |                            |
| Am               | AC        | 5,736,025       | 4/7/1998         | Smith et al.     |       |          |                            |
| Am               | AD        | 5,998,147       | 12/7/1999        | Petit et al.     |       |          |                            |
| Am               | AE        | 6,017,704       | 1/25/2000        | Herman et al.    |       |          |                            |
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| Am               | AK        | 6,613,508       | 9/2/2003         | Ness et al.      |       |          |                            |

**Foreign Patent Documents or Published Foreign Patent Applications**

| Examiner Initial | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation |    |
|------------------|-----------|-----------------|------------------|--------------------------|-------|----------|-------------|----|
|                  |           |                 |                  |                          |       |          | Yes         | No |
| Am               | AL        | WO 96/24687     | 8/15/1996        | PCT                      |       |          |             |    |
| Am               | AM        | WO 97/40184     | 10/30/1997       | PCT                      |       |          |             |    |
| Am               | AN        | WO 01/77386     | 10/18/2001       | PCT                      |       |          |             |    |
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Examiner Signature

*Allen Negevera*


Date Considered

9/25/06

EXAMINER: Initials citation considered. Draw the through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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|--|--|---------------------------------------|-------------------------------|
| Substitute Form PTO-1449<br>(Modified)<br><br><b>Information Disclosure Statement<br/>by Applicant</b><br>(Use several sheets if necessary)<br><br>(37 CFR §1.98(b)) | U.S. Department of Commerce<br>Patent and Trademark Office | Attorney's Docket No.<br>16969-037001 | Application No.<br>10/617,750 |
|  |  | Applicant<br>Zhaowei Liu et al.       |                               |
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| Other Documents (include Author, Title, Date, and Place of Publication) |           |   |
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| Examiner Initial  | Desig. ID | Document  |
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| an  | AW        | Khrapko et al., "Constant denaturant capillary electrophoresis (CDCE): a high resolution approach to mutational analysis," Nucleic Acids Research, 1994, vol. 22, No. 3, pgs. 364-369   |
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| an  | AHH       | Qiufeng Gao et al., 25. High-Speed High-Throughput Mutation Detection, <a href="http://www.ornl.gov/sci/techresources/Human_Genome/publicat/00santa/25.html">http://www.ornl.gov/sci/techresources/Human_Genome/publicat/00santa/25.html</a> , Research Abstracts, 2000, DOE Human Genome Program |
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## LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

ATTY DOCKET NO.

9046-059-999

APPLICATION NO

10/617,750

APPLICANT

Z. LIU et al.

FILING DATE

July 14, 2003

GROUP

1753

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |     | DOCUMENT NUMBER   | DATE    | NAME            | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
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| an                  | A01 | 6,398,933 B1      | 6/2002  | Scott           | 204   | 466      |                               |
| an                  | A02 | US2002/0042060 A1 | 4/2002  | Races et al.    | 435   | 6        |                               |
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|                     | A09 |                   |         |                 |       |          |                               |

## FOREIGN PATENT DOCUMENTS

|    |     | DOCUMENT NUMBER | DATE   | COUNTRY | CLASS | SUBCLASS | TRANSLATION<br>*Abstract Only |    |
|----|-----|-----------------|--------|---------|-------|----------|-------------------------------|----|
|    |     |                 |        |         |       |          | YES                           | NO |
| an | B01 | WO 96/08715     | 3/1996 | PCT     | —     | —        |                               |    |
| an | B02 | WO 91/02815     | 3/1991 | PCT     | —     | —        | *X                            |    |
| an | B03 | 0 329 341 A2    | 8/1989 | Europe  | —     | —        |                               |    |
|    | B04 |                 |        |         |       |          |                               |    |
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| an | C01 | International Preliminary Examination Report from PCT/US01/27440, mailed January 9, 2003.   |
| an | C02 | Gao et al., "High-Throughput Detectin of Unknown Mutations by Using Multiplexed Capillary Electrophoresis With Poly(vinylpyrrolidone) Solution," June 1, 2000, <i>Analytical Chemistry</i> , Vol. 72, No. 11, pp 2499-2506. |
| an | C03 | Schell et al., "Detection of point mutations by capillary electrophoresis with temporal temperature gradients," 1999, <i>Electrophoresis</i> , Vol. 20, pp 2864-2869.   |

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Ab. Hegerole

DATE CONSIDERED

9/25/06

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